



Service Bulletin

PRELIMINARY INFORMATION

Subject: DTC P0011 P0014 P0021 Or P0024 Light With No Drivability Concerns

Models: 2012-2015 Buick Lacrosse
2013-2015 Cadillac ATS
2012-2015 Cadillac CTS SRX
2012-2015 Chevrolet Captiva Sport Equinox
2012-2015 Chevrolet Impala Classic
2014-2015 Chevrolet Impala (W1)
2012-2015 GMC Terrain
with 3.0L LFW and 3.6L LFX engines

This PI was superseded to update Model Years. Please discard PIP5096B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A customer may come in with an SES light on and any of the following cam actuator codes set:

DTC P0011 - Intake Camshaft Position System Performance Bank 1

DTC P0014 - Exhaust Camshaft Position System Performance Bank 1

DTC P0021 - Intake Camshaft Position System Performance Bank 2

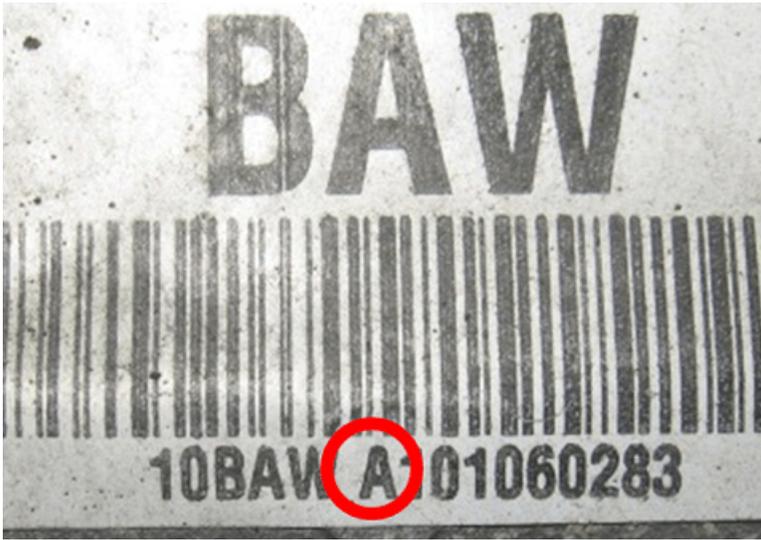
DTC P0024 - Exhaust Camshaft Position System Performance Bank 2

Recommendation/Instructions

If you get a vehicle with one of these codes, and no other drivability concerns, inspect the engine EUN sticker for an A before the sequence number; before replacing the actuator.

The engine EUN sticker should be located on the engine left side below the left head or on the back of the right head.

(See the example below)



If there is an "A" before the sequence number then replace the OCV/Cam Actuator Solenoid Valve with a replacement "service" valve.

"DO NOT JUST SWAP FROM ANOTHER LOCATION."

The service OCV is from a different supplier and can make up the difference in the clearance that causes this concern.

If this does not correct the concern then continue with GSI diagnostics.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
4021730	Camshaft Position Actuator Solenoid Valve Solenoid Replacement - Bank 2 (Left Side) Exhaust	Use Published Labor Operation Time
4021710	Camshaft Position Actuator Solenoid Valve Solenoid Replacement - Bank 1 (Right Side) Exhaust	Use Published Labor Operation Time
4021670	Camshaft Position Actuator Solenoid Valve Solenoid Replacement - Bank 1 (Right Side) Intake	Use Published Labor Operation Time
4021690	Camshaft Position Actuator Solenoid Valve Solenoid Replacement - Bank 2 (Left Side) Intake	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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